

**DEVICES AND METHODS FOR CLOSING A PATENT FORAMEN OVALE WITH
A COIL-SHAPED CLOSURE DEVICE**

Abstract of the Disclosure

A patent foramen ovale closure device and method are provided. The device is deployed at the foramen ovale to secure the septum primum and septum secundum together, thus sealing the patent foramen ovale. In one embodiment, the closure device is a coil that is delivered through the septum secundum and septum primum in an axially elongated state using a tissue piercing structure. After being delivered, the coil is released, causing the coil to axially shorten to pinch the septum primum and septum secundum together.

PATENT

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